

### **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-31 (cancelled).

32. (Previously presented) A kit for the detection of antibodies against an HIV-1 type O virus in a biological sample comprising:

(a) a polypeptide comprising an amino acid sequence selected from the group consisting of:

CysValArgProGlyAsnAsnSerValLysGluIleLysIleGlyProMetAlaTrpTyrSerMetGlnIle  
GluArgGluGlyLysGlyAlaAsnSerArgThrAlaPheCys (SEQ ID NO:93);

CysLysAsnArgLeuIleCys (SEQ ID NO:5);

ArgLeuLeuAlaLeuGluThrPhelleGlnAsnTrpTrpLeuLeuAsnLeuTrpGlyCysLys  
AsnArgLeuIleCys (SEQ ID NO:6);

ArgAlaArgLeuLeuAlaLeuGluThrPhelleGlnAsnGlnGlnLeuLeuAsnLeuTrpGlyCys  
LysAsnArgLeuIleCysTyrThrSerValLysTrpAsnLysThr (SEQ ID NO:7);

LysGluIleLysIle (SEQ ID NO:23);

GluArgGluGlyLysGlyAlaAsn (SEQ ID NO:24);

CysValArgProGlyAsnAsnSerValLysGluIleLysIle (SEQ ID NO:25);

GlnIleGluArgGluGlyLysGlyAlaAsnSerArg (SEQ ID NO:26);

ArgLeuLeuAlaLeuGluThrLeuMetGlnAsnGlnGlnLeu (SEQ ID NO:29);

LeuAsnLeuTrpGlyCysArgGlyLysAlalleCysTyrThrSerValGlnTrpAsnGluThrTrpGly  
(SEQ ID NO:30);

CysArgGlyLysAlalle (SEQ ID NO:31);

SerValGlnTrpAsn (SEQ ID NO:32);

ArgLeuLeuAlaLeuGluThrLeuMetGlnAsnGlnGlnLeuLeuAsnLeuTrpGlyCysArgGly  
LysAlalleCysTyrThrSer (SEQ ID NO:33);

GlnAsnGlnGlnLeuLeuAsnLeuTrpGlyCysArgGlyLysAlalleCysTyrThrSerValGlnTrp  
Asn (SEQ ID NO:34);

ThrPhelleGlnAsn (SEQ ID NO:40);

TrpGlyCysLysAsnArg (SEQ ID NO:41) and

(b) a detection reagent.

33. (Previously presented) The kit of claim 32, further comprising a negative  
control sample.

34. (Previously presented) The kit of claim 32, further comprising an incubation  
buffer.

Claims 35-37 (Cancelled).